

```
1 C:\Users\kkjia\Desktop\ECE3822\venv\Scripts\python.exe C:/Users/kkjia/Desktop/ECE3822/new_musicplayer.py
2 Hello World!
3 Testing short API
4 List Location: 1
5 Track ID: [164]
6 Track Name: ['Track 09']
7 Artist Name: ['Area C']
8 Album Name: ['Thee Haunted Cobblestone Sunset Concert Series #7']
9
10 List Location: 2
11 Track ID: [155]
12 Track Name: ['Maps of the Stars Homes']
13 Artist Name: ['Arc and Sender']
14 Album Name: ['unreleased demo']
15
16 List Location: 3
17 Track ID: [145]
18 Track Name: ['Amoebiasis']
19 Artist Name: ['Amoebic Ensemble']
20 Album Name: ['Amoebiasis']
21
22 List Location: 4
23 Track ID: [48]
24 Track Name: ['Light of Light']
25 Artist Name: ['Nicky Cook']
26 Album Name: ['Niris']
27
28 List Location: 5
29 Track ID: [173]
30 Track Name: ["Save Life's Golden Receipt In Case Refund Needed"]
31 Artist Name: ['Argumentix']
32 Album Name: ['Boss of Goth']
33
34 List Location: 6
35 Track ID: [171]
36 Track Name: ['Marching as Technitions']
37 Artist Name: ['Argumentix']
38 Album Name: ['Victim of Your Life']
39
40 List Location: 7
41 Track ID: [30]
42 Track Name: ['Too Happy']
43 Artist Name: ['Nicky Cook']
44 Album Name: ['Niris']
45
46 List Location: 8
47 Track ID: [158]
48 Track Name: ['Track 03']
49 Artist Name: ['Area C']
50 Album Name: ['Thee Haunted Cobblestone Sunset Concert Series #7']
51
52 None
53 *****
54 Item has been deleted from Playlist
55 List Location: 1
56 Track ID: [164]
57 Track Name: ['Track 09']
58 Artist Name: ['Area C']
59 Album Name: ['Thee Haunted Cobblestone Sunset Concert Series #7']
60
61 List Location: 2
62 Track ID: [155]
63 Track Name: ['Maps of the Stars Homes']
64 Artist Name: ['Arc and Sender']
65 Album Name: ['unreleased demo']
66
67 List Location: 3
68 Track ID: [48]
69 Track Name: ['Light of Light']
70 Artist Name: ['Nicky Cook']
71 Album Name: ['Niris']
72
73 List Location: 4
74 Track ID: [173]
75 Track Name: ["Save Life's Golden Receipt In Case Refund Needed"]
76 Artist Name: ['Argumentix']
77 Album Name: ['Boss of Goth']
78
79 List Location: 5
80 Track ID: [171]
81 Track Name: ['Marching as Technitions']
82 Artist Name: ['Argumentix']
83 Album Name: ['Victim of Your Life']
84
85 List Location: 6
86 Track ID: [30]
87 Track Name: ['Too Happy']
88 Artist Name: ['Nicky Cook']
89 Album Name: ['Niris']
90
91 List Location: 7
92 Track ID: [158]
93 Track Name: ['Track 03']
94 Artist Name: ['Area C']
95 Album Name: ['Thee Haunted Cobblestone Sunset Concert Series #7']
96
97 *****
98 Item has been added to Playlist
99 List Location: 1
100 Track ID: [164]
101 Track Name: ['Track 09']
102 Artist Name: ['Area C']
103 Album Name: ['Thee Haunted Cobblestone Sunset Concert Series #7']
104
105 List Location: 2
106 Track ID: [142]
107 Track Name: ['Punjabi Watery Grave']
108 Artist Name: ['Alec K. Redfearn & the Eyesores']
109 Album Name: ['The Quiet Room']
110
```

```
111 List Location: 3
112 Track ID: [155]
113 Track Name: ['Maps of the Stars Homes']
114 Artist Name: ['Arc and Sender']
115 Album Name: ['unreleased demo']
116
117 List Location: 4
118 Track ID: [48]
119 Track Name: ['Light of Light']
120 Artist Name: ['Nicky Cook']
121 Album Name: ['Niris']
122
123 List Location: 5
124 Track ID: [173]
125 Track Name: ["Save Life's Golden Receipt In Case Refund Needed"]
126 Artist Name: ['Argumentix']
127 Album Name: ['Boss of Goth']
128
129 List Location: 6
130 Track ID: [171]
131 Track Name: ['Marching as Technitions']
132 Artist Name: ['Argumentix']
133 Album Name: ['Victim of Your Life']
134
135 List Location: 7
136 Track ID: [30]
137 Track Name: ['Too Happy']
138 Artist Name: ['Nicky Cook']
139 Album Name: ['Niris']
140
141 List Location: 8
142 Track ID: [158]
143 Track Name: ['Track 03']
144 Artist Name: ['Area C']
145 Album Name: ['Thee Haunted Cobblestone Sunset Concert Series #7']
146
147 *****
148 Searching library with track name of [ 20 ]
149 Track ID [ 20 ] not found in the library
150 *****
151 Searching library with artist name of [ AWOL ]
152 Searching library with track name of [ AWOL ]
153 Artist Result Found as Follow:
154 Track ID: 2
155 Track Name: Food
156 Artist Name: AWOL
157 Album Name: AWOL - A Way Of Life
158
159 Track ID: 3
160 Track Name: Electric Ave
161 Artist Name: AWOL
162 Album Name: AWOL - A Way Of Life
163
164 Track ID: 5
165 Track Name: This World
166 Artist Name: AWOL
167 Album Name: AWOL - A Way Of Life
168
169 Track ID: 134
170 Track Name: Street Music
171 Artist Name: AWOL
172 Album Name: AWOL - A Way Of Life
173
174 Track Name Result Found as Follow:
175 Track Name [ AWOL ] not found in the library
176 *****
177 Searching library with artist name of [ Yosemite ]
178 Searching library with track name of [ Yosemite ]
179 Artist Result Found as Follow:
180 Artist [ Yosemite ] not found in the library
181 Track Name Result Found as Follow:
182 Track ID: 46
183 Track Name: Yosemite
184 Artist Name: Nicky Cook
185 Album Name: Niris
186
187 *****
188 Warning: Loading new audio will over-write all previous unsaved changes
189 Wave File is detected in the input [USED]
190 ### This Feature only support unmodified tracks ###
191 File Saved
192 ffmpeg version 4.2.1 Copyright (c) 2000-2019 the FFmpeg developers
193 built with gcc 9.1.1 (GCC) 20190807
194 configuration: --enable-gpl --enable-version3 --enable-sdl2 --enable-fontconfig --enable-gnutls --enable-iconv --enable-libass --enable-libdav1d --
enable-libbluray --enable-libfreetype --enable-libmp3lame --enable-libopencore-amrnb --enable-libopencore-amrwb --enable-libopenjpeg --enable-libopus --
enable-libshine --enable-lbsnappy --enable-libsoxr --enable-libtheora --enable-libtwolame --enable-libvpx --enable-libwavpack --enable-libwebp --enable-
libx264 --enable-libx265 --enable-libxml2 --enable-libzimg --enable-lzma --enable-zlib --enable-gmp --enable-libvidstab --enable-libvorbis --enable-libvo
-amrwbenc --enable-libmysofa --enable-lbspeex --enable-libxvid --enable-libaom --enable-libmfx --enable-amf --enable-ffnvcodec --enable-cuvid --enable-
d3d11va --enable-nvenc --enable-nvdec --enable-dxva2 --enable-avisynth --enable-libopenmpt
195 libavutil 56. 31.100 / 56. 31.100
196 libavcodec 58. 54.100 / 58. 54.100
197 libavformat 58. 29.100 / 58. 29.100
198 libavdevice 58. 8.100 / 58. 8.100
199 libavfilter 7. 57.100 / 7. 57.100
200 libswscale 5. 5.100 / 5. 5.100
201 libswresample 3. 5.100 / 3. 5.100
202 libpostproc 55. 5.100 / 55. 5.100
203 Guessed Channel Layout for Input Stream #0.0 : stereo
204 Input #0, wav, from 'dual_temp.wav':
205 Duration: 00:00:40.34, bitrate: 1411 kb/s
206 Stream #0:0: Audio: pcm_s16le ([1][0][0][0] / 0x0001), 44100 Hz, stereo, s16, 1411 kb/s
207 Stream mapping:
208 Stream #0:0 -> #0:0 (pcm_s16le (native) -> pcm_s16le (native))
209 Press [q] to stop, [?] for help
210 Output #0, wav, to 'mono_temp.wav':
211 Metadata:
212 ISFT : Lavf58.29.100
213 Stream #0:0: Audio: pcm_s16le ([1][0][0][0] / 0x0001), 44100 Hz, mono, s16, 705 kb/s
214 Metadata:
215 encoder : Lavc58.54.100 pcm_s16le
```

216 size= 3474kB time=00:00:40.33 bitrate= 705.6kbits/s speed=1.49e+03x
217 video:0kB audio:3474kB subtitle:0kB other streams:0kB global headers:0kB muxing overhead: 0.002192%
218 WARNING: Using original will delete unsaved previously modified track
219 File Saved
220 ffmpeg version 4.2.1 Copyright (c) 2000-2019 the FFmpeg developers
221 built with gcc 9.1.1 (GCC) 20190807
222 configuration: --enable-gpl --enable-version3 --enable-sdl2 --enable-fontconfig --enable-gnutls --enable-iconv --enable-libass --enable-libdav1d --enable-libbluray --enable-libfreetype --enable-libmp3lame --enable-libopencore-amrnb --enable-libopencore-amrwb --enable-libopenjpeg --enable-libopus --enable-libshine --enable-libsnappp --enable-libsoxr --enable-libtheora --enable-libtwolame --enable-libvpx --enable-libwavpack --enable-libwebp --enable-libx264 --enable-libx265 --enable-libxml2 --enable-libzimg --enable-lzma --enable-zlib --enable-gmp --enable-libvidstab --enable-libvorbis --enable-libvo-amrwbenc --enable-libmysofa --enable-libspeex --enable-libxvid --enable-libaom --enable-libmfx --enable-amf --enable-ffnvcodec --enable-cuvid --enable-d3d11va --enable-nvenc --enable-nvdec --enable-dxva2 --enable-avisynth --enable-libopenmpt
223 libavutil 56. 31.100 / 56. 31.100
224 libavcodec 58. 54.100 / 58. 54.100
225 libavformat 58. 29.100 / 58. 29.100
226 libavdevice 58. 8.100 / 58. 8.100
227 libavfilter 7. 57.100 / 7. 57.100
228 libswscale 5. 5.100 / 5. 5.100
229 libswresample 3. 5.100 / 3. 5.100
230 libpostproc 55. 5.100 / 55. 5.100
231 Guessed Channel Layout for Input Stream #0.0 : stereo
232 Input #0, wav, from 'org_fade_reversed.wav':
233 Duration: 00:00:40.34, bitrate: 1411 kb/s
234 Stream #0:0: Audio: pcm_s16le ([1][0][0][0] / 0x0001), 44100 Hz, stereo, s16, 1411 kb/s
235 Stream mapping:
236 Stream #0:0 -> #0:0 (pcm_s16le (native) -> mp3 (libmp3lame))
237 Press [q] to stop, [?] for help
238 Output #0, mp3, to 'org_fade_reversed.mp3':
239 Metadata:
240 TSSE : Lavf58.29.100
241 Stream #0:0: Audio: mp3 (libmp3lame), 44100 Hz, stereo, s16p, 192 kb/s
242 Metadata:
243 encoder : Lavc58.54.100 libmp3lame
244 size= 947kB time=00:00:40.36 bitrate= 192.3kbits/s speed= 70x
245 video:0kB audio:947kB subtitle:0kB other streams:0kB global headers:0kB muxing overhead: 0.069229%
246 File Saved
247 Now Playing Audio...
248 ### Only One Filter can be applied at the time ###
249 Applying Vocal equalizer
250 Now Playing Equalized Audio...
251 Process Finished
252
253 Process finished with exit code 0
254